WOODS

JAPANESE CEDAR (CRYPTOMERIA JAPONICA)

ORIGIN

The Cryptomeria japonica is endemic to Japan's central and southern islands. The species flourished in the Azores due to the region's characteristically high humidity and annual rainfall which is similar to the climate of its origin. This species regenerates naturally in the Azores, where there is abundant fruiting; however, repopulating areas that have been exploited for forestry is not feasible without planting. Replanting the species is necessary due to the low germination capacity of the seed, and the high competitive nature of weeds like the Kahili ginger.

CHARACTERISTICS

Cryptomeria japonica wood is extremely fragrant, weather and insect resistant, soft and with a low density. It's characterized as having pale exterior tones and a darker core, and is favored for all types of construction work for being an extremely lightweight, durable, and waterproof wood that is also resistant to decay.

APPLICATIONS

The main uses of the extracted fibrous material include:
- Lamella and plywood
- Coatings, partitions and insulation
- Doors, windows and door jambs
- Advanced composite materials
- Components of architecture and urban furniture

AUSTRALIAN BLACKWOOD (ACACIA MELANOXYLON)

ORIGIN

The Australian Blackwood is an Acacia species native to Southeastern Australia. It has been introduced to many countries around the world as an ornamental tree that can also be used for forestry, but is considered to be an invasive species in the

CHARACTERISTICS

This type of tree is a persistent hardwood that has the ability to propagate vegetatively and/or by seed. Wood from this species is typically highly prized for having a moderately stiff, high density that is strong in compression and resistant to impact. On its outer surface, it is characterized by having a hard black bark protecting its hard wood trunk, deeming it immune to the attack of insects

APPLICATIONS

The main applications of extracted fibrous material are:
- Building & construction elements
- Musical instruments
- Advanced composite materials
- Components of architecture and furniture

COFINANCIAMENTO: PROMOTOR: PARCEIROS